

WHAT IS CLAIMED IS:

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1. An image processor comprising:
a display for presenting an image of an object thereon;
and

an image synthesizer for generating a scale image, representing a substantially real size, at a position specified on the image presented on the display in accordance with three-dimensional positional information of the object and for combining the scale image with the image of the object,

wherein a synthesized image, obtained by combining the scale image with the object image, is presented on the display.

2. The processor of Claim 1, further comprising:

an imaging section for capturing the object image containing the three-dimensional positional information; and

a range image generator for drawing the three-dimensional positional information from the image captured by the imaging section,

wherein the image synthesizer generates the scale image in accordance with the three-dimensional positional information obtained by the range image generator.

3. The processor of Claim 2, wherein the imaging section comprises light-emitting means for projecting light with a

predetermined radiation pattern onto the object and captures the object image containing the three-dimensional positional information by receiving part of the light that has been projected onto, and then reflected from, the object.

4. The processor of Claim 1, further comprising an imaging section having an automatic or manual focusing controller,

wherein the image synthesizer generates the scale image by using data, which represents a distance of the object and is obtained by the automatic or manual focusing controller, as the three-dimensional positional information.

5. The processor of Claim 1, wherein the scale image represents a shape of a ruler.

6. The processor of Claim 1, further comprising input means that is so constructed as to allow a user to externally input the specified position.

7. The processor of Claim 6, wherein the input means is a touch panel formed on the surface of the display.

8. The processor of Claim 6, wherein the input means is a penlike pointing device that is so constructed as to allow

the user to specify arbitrary coordinates on the surface of the display.

9. The processor of Claim 6, wherein the input means is a cursor key, mouse or press button that allows the user to move a cursor presented on the display and to specify coordinates of the cursor.

10. An image processor comprising:

a display for presenting an image of an object thereon;
and

an image synthesizer for combining respective images of multiple objects together in accordance with three-dimensional positional information of the objects so that at least one of the object images is scaled up or down according to a desired size relationship,

wherein a synthesized image, obtained by combining the multiple images together, is presented on the display.

11. The processor of Claim 10, wherein the image synthesizer combines the image of one of the objects, which has been separated from a background image, with another background image.

12. The processor of Claim 11, wherein the image synthe-

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sizer cuts out an image portion, which is made up of pixels at respective locations associated with distances falling within a predetermined range, as the separated object image from the image.

13. The processor of Claim 10, further comprising:

an imaging section for capturing the object images containing the three-dimensional positional information; and

a range image generator for drawing the three-dimensional positional information from the images captured by the imaging section,

wherein the image synthesizer combines the images together in accordance with the three-dimensional positional information obtained by the range image generator.

14. The processor of Claim 13, wherein the imaging section comprises light-emitting means for projecting light with a predetermined radiation pattern onto the at least one object and captures the object image containing the three-dimensional positional information by receiving part of the light that has been projected onto, and then reflected from, the object.

15. The processor of Claim 10, further comprising an imaging section having an automatic or manual focusing controller,

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wherein the image synthesizer combines the images together by using data, which represents distances of the objects and is obtained by the automatic or manual focusing controller, as the three-dimensional positional information.

16. The processor of Claim 10, wherein the image synthesizer is so constructed as to upscale, downscale or rotate at least one of the images.

17. The processor of Claim 10, which is so constructed as to allow a user to externally define or change relative positions of the images being combined.

18. An image processor comprising
a display for presenting an image of an object thereon
and

an image synthesizer for generating an image, representing the object substantially in its real size when presented on the display, by scaling the image up or down in accordance with three-dimensional positional information of the object,

wherein the image, representing the object substantially in its real size, is presented on the display.

19. A method of providing image processing services for a user, comprising the steps of:

receiving an image, containing three-dimensional positional information of an object, and his or her specified image processing mode from the user;

drawing the three-dimensional positional information from the object image received;

performing image processing on the received image in the specified image processing mode in accordance with the three-dimensional positional information drawn; and

sending out image data obtained by the image processing to the user.

20. An order processing method comprising the steps of:

receiving an instruction, which specifies a type of a product, from a user;

sending out an image, containing three-dimensional positional information of the product of the specified type, to the user; and

receiving an order for the product, along with information specifying his or her desired size of the product, from the user.

